

# Patent [19]

[11] Patent Number: 11276568

[45] Date of Patent: Oct. 12, 1999

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## [54] AIR CLEANER

[21] Appl. No.: 10080756 JP10080756 JP

[22] Filed: Mar. 27, 1998

[51] Int. CL<sup>6</sup> A61L00916; A61L00900; B01D04652; B01D05386

## [57] ABSTRACT

**PROBLEM TO BE SOLVED:** To provide an air cleaner that can completely deodorize and remove dusts over a large room and has both functions of deodorization and removal of dusts besides the volume of blowing air through its shape is rather compact.

**SOLUTION:** On this air cleaner, an air cleaning part 8 that has functions of deodorization or removal of dusts is arranged to cover the whole of or a part of a circulating path's surface with which the air that has not been cleaned or is being cleaned comes into contact. This air cleaning part 8 is composed of an absorptive filter, e.g. an electret filter or an activated carbon filter and so on, furthermore, it is preferred that the filter is plated or made from porous material like corrugate. In addition, if necessary, photocatalyst 6 and light source 5 that excites the photocatalyst on the downwind side of the air cleaning part are mounted.

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